

## REMARKS

### INTRODUCTION

In accordance with the foregoing, claims 1, 8, 16-18 and 28-31 have been amended. Claims 9-11 have been cancelled. Claims 1-8 and 12-31 are pending and under consideration.

### CLAIM REJECTIONS

Claims 1-7 and 16-31 were rejected under 35 USC 103(a) as being unpatentable over Ghabra et al. (US 6,838,985) (hereinafter "Ghabra") in view of Yasushi (JP 10-019710) (hereinafter "Yasushi").

Claims 8-15 were rejected under 35 USC 103(a) as being unpatentable over Yasushi in view of Ghabra.

#### Claims 1-7

Amended claim 1 recites: "...the sensor signal receiver includes a single variable tuning circuit for varying to tune to each of natural frequencies transmitted respectively from the plural sensors and a switching element to switch among varying natural frequencies of the tuning circuit to select the natural frequencies one at a time on a time sharing basis." Support for this amendment may be found in at least page 23, lines 6-14 of the specification of the present application.

It is respectfully submitted that the relied on references are silent as to the technical feature of claim 1 of a single variable tuning circuit. In particular, the relied on references are silent as to the technical feature of claim 1 where the sensor signal receiver has a single variable tuning circuit for varying to tune to each of natural frequencies transmitted respectively from the plural sensors and a switching element to switch among varying natural frequencies of the tuning circuit to select the natural frequencies one at a time on a time sharing basis, as well as the advantages thereof where the provision of the single variable tuning circuit and the switching element to select the natural frequencies on a time sharing basis allows for only one sensor signal receiver to receive and detect sensor signals from a plurality of sensors, which allows the structure of the wireless sensor system to be simple and compact.

The Office Action relies on Yasushi to show the tuning circuit of claim 1, and in particular relies on paragraph [0024] of the Yasushi. However, paragraph [0024] of Yasushi only discusses that the monitored air pressure information transmitted from the primary detecting element 10 is transmitted in two frequencies of electromagnetic waves to the monitoring part 20.

In particular, Yasushi does not discuss that the sensor signal receiver has a single variable tuning circuit for varying to tune to each of natural frequencies transmitted respectively from the plural sensors and a switching element to switch among varying natural frequencies of the tuning circuit to select the natural frequencies one at a time on a time sharing basis.

Further, this technical feature is also not discussed in Ghabra.

Claims 2-7 depend on claim 1 and are therefore believed to be allowable for at least the foregoing reasons.

Withdrawal of the foregoing rejections is requested.

#### **Claims 8-15**

Amended claim 8 recites: "...the sensor signal receiver includes a single variable tuning circuit for varying to tune to each of natural frequencies transmitted respectively from the plural sensors and a switching element to switch among varying natural frequencies of the tuning circuit to select the natural frequencies one at a time on a time sharing basis." Support for this amendment may be found in at least original claims 9-11.

Similar to the argument for claim 1, it is respectfully submitted that the above noted feature is not discussed in either Yasushi or Ghabra.

Claims 9-11 have been cancelled. Claims 12-15 depend on claim 8 and are therefore believed to be allowable for at least the foregoing reasons.

Withdrawal of the foregoing rejections is requested.

#### **Claims 16-31**

Amended independent claims 16-18, 28 and 29 recite that the sensor signal receiver includes a single variable tuning circuit for varying to tune to each of natural frequencies transmitted respectively from the plural sensors and a switching element to switch among varying natural frequencies of the tuning circuit to select the natural frequencies one at a time on a time sharing basis. Support for these amendments may be found in at least page 23, lines 6-14 of the specification of the present application.

Similar to the argument for claim 1, it is respectfully submitted that the above noted feature is not discussed in either Yasushi or Ghabra.

Claims 19-27, 30 and 31 depend on one of claims 16-18, 28 and 29, respectively, and are therefore believed to be allowable for at least the foregoing reasons. Claims 30 and 31 have been amended to remove the semicolon at the end of line 6 of each of these claims.

Withdrawal of the foregoing rejections is requested.

**CONCLUSION**

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted, .

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